

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : TBD
Applicant : J. William Doane et al.
Filed : Herewith
Title : LIQUID CRYSTAL DISPLAY FILMS

Int'l. Application No. : PCT/US2005/003144
Int'l. Filing Date : January 28, 2005

Customer No. : 000,116
Docket No. : 36969US2

INFORMATION DISCLOSURE STATEMENT

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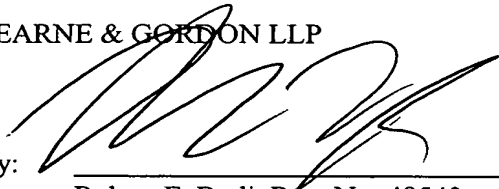
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In accordance with Rule 56, applicants are aware of the publications listed in the International Search Report (copy enclosed) and in the enclosed copy of Patent Office Form 1449. In accordance with 37 CFR § 1.98, copies of the U.S. patents and U.S. patent application publications are not enclosed. A copy of each of the remaining publications is enclosed herewith.

If there are any fees resulting from this communication, please charge said fees to Deposit Account No. 16-0820, Order No. 36969US2.

Respectfully submitted,

PEARNE & GORDON LLP

By: 
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INFORMATION DISCLOSURE CITATION
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TBD

U.S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Name | Class | Subclass | Filing Date |
|------------------|---|--------------|---------|--------------------|-------|----------|-------------|
| | A | 4,510,188 | 4/1985 | Ruggeri | | | |
| | B | 4,642,250 | 2/1987 | Spector | | | |
| | C | 4,747,413 | 5/1988 | Bloch | | | |
| | D | 5,061,553 | 10/1991 | Olsen, Jr. | | | |
| | E | 5,161,479 | 11/1992 | Mahr | | | |
| | F | 5,360,503 | 11/1994 | Coffy | | | |
| | G | 5,376,699 | 12/1994 | Sage | | | |
| | H | 5,453,863 | 9/1995 | West et al. | | | |
| | I | 5,981,408 | 11/1999 | Nakagawa et al. | | | |
| | J | 6,072,619 | 6/2000 | Kiryushev et al. | | | |
| | K | 6,096,666 | 8/2000 | Jachimowicz et al. | | | |
| | L | 6,270,783 | 8/2001 | Slavtcheff et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | Document No. | Date | Country | Class | Subclass | Translation |
|--|---|--------------|--------|---------|-------|----------|-------------|
| | M | 92/11311 | 7/1992 | WO | | | |
| | N | 2005/072455 | 8/2005 | WO | | | |
| | P | 2005/081779 | 9/2005 | WO | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|---|--|
| | Q | Reflective display with photoconductive layer and a bistable reflective cholesteric mixture, Hidefumi Yoshida et al., Journal of the SID 5/3, 1997, pp. 269-274. |
| | R | Photostable tilted-perpendicular alignment of liquid crystals for light valves, Anna Lackner et al., Proceedings of the SID, Vol. 31/4, 1990, pp. 321-326. |

| | |
|-----------|-----------------|
| Examiner: | Date Considered |
|-----------|-----------------|

*Examiner: Initial if reference considered, regardless of whether citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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|--|--|--|-------------------------------|
| Form PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | 36969US2 | TBD |
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| | | FILING DATE: Herewith | GROUP ART UNIT: TBD |
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U.S. PATENT DOCUMENTS

| Examiner Initial | A | Document No. | Date | Name | Class | Subclass | Filing Date |
|------------------|---|--------------|---------|-------------------|-------|----------|-------------|
| | A | 6,277,439 | 8/2001 | Painter | | | |
| | B | 6,603,259 | 8/2003 | Kiryushev et al. | | | |
| | C | 6,608,438 | 8/2003 | Topelberg et al. | | | |
| | D | 6,624,565 | 9/2003 | Topelberg | | | |
| | E | 6,654,080 | 11/2003 | Khan et al. | | | |
| | F | 6,697,191 | 2/2004 | Kiryushev et al. | | | |
| | G | 6,727,197 | 4/2004 | Wilson et al. | | | |
| | H | 6,788,362 | 9/2004 | Stephenson et al. | | | |
| | I | 2005/0007336 | 1/2005 | Albert et al. | | | |
| | J | 2003/0202136 | 10/2003 | Stephenson et al. | | | |
| | K | 2004/0032545 | 2/2004 | Stephenson et al. | | | |
| | L | 2003/0016329 | 1/2003 | Smith et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | Document No. | Date | Country | Class | Subclass | Translation |
|--|---|--------------|------|---------|-------|----------|-------------|
| | M | | | | | | |
| | N | | | | | | |
| | P | | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|---|--|
| Q | Transparent phase images in photoactivated liquid crystals, J.S. Margerum et al., Applied Physics Letter, Volume 19, Number 7, October 1, 1971, pp. 216-218. |
| R | 16.3: Development of a flexible electronic display using photographic technology, Stanley W. Stephenson et al., SID 04 Digest, pp. 774-777. |

| | |
|-----------|-----------------|
| Examiner: | Date Considered |
|-----------|-----------------|

*Examiner: Initial if reference considered, regardless of whether citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| Form PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO. 36969US2 | SERIAL NO. TBD |
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| | | FILING DATE: Herewith | GROUP ART UNIT: TBD |
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U.S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Name | Class | Subclass | Filing Date |
|------------------|---|--------------|---------|-------------------|-------|----------|-------------|
| | A | 2003/0117548 | 6/2003 | Stephenson | | | |
| | B | 2003/0034945 | 2/2003 | Mi et al. | | | |
| | C | 2003/0019575 | 1/2003 | Smith et al. | | | |
| | D | 2003/0206147 | 11/2003 | Mi et al. | | | |
| | E | 3,600,060 | 8/1971 | Churchhill | | | |
| | F | 4,684,771 | 8/1987 | Wuthrich | | | |
| | G | 4,688,900 | 8/1987 | Doane et al. | | | |
| | H | 6,271,898 | 8/2001 | Clikeman et al. | | | |
| | I | 6,423,368 | 7/2002 | Stephenson et al. | | | |
| | J | 6,459,467 | 10/2002 | Hashimoto et al. | | | |
| | K | 4,890,902 | 1/1990 | Doane et al. | | | |
| | L | 6,061,107 | 5/2000 | Yang et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | Document No. | Date | Country | Class | Subclass | Translation |
|--|---|--------------|------|---------|-------|----------|-------------|
| | M | | | | | | |
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| | P | | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | | | | | |
|--|---|--|--|--|--|--|--|
| | Q | A fully flexible colour display, Peter Slikkerveer et al., SID 04 Digest, pp. 770-773. | | | | | |
| | R | Robust Flexible LCD's with Paintable Technology, Joost P.A. Vogels et al., SID 04 Digest, pp. 767-769. | | | | | |

Examiner:

Date Considered

*Examiner: Initial if reference considered, regardless of whether citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Name | Class | Subclass | Filing Date |
|------------------|---|--------------|--------|-------------------|-------|----------|-------------|
| | A | 6,359,673 | 3/2002 | Stephenson | | | |
| | B | 6,423,368 | 7/2002 | Stephenson et al. | | | |
| | C | 6,433,849 | 8/2002 | Lowe | | | |
| | D | 6,556,262 | 4/2003 | Stephenson et al. | | | |
| | E | 6,585,849 | 7/2003 | Smith et al. | | | |
| | F | 6,618,114 | 9/2003 | Freeman | | | |
| | G | 3,680,950 | 8/1972 | Haas et al. | | | |
| | H | 5,437,811 | 8/1995 | Doane et al. | | | |
| | I | 5,200,845 | 4/1993 | Crooker et al. | | | |
| | J | 5,644,330 | 7/1997 | Catchpole et al. | | | |
| | K | 5,748,277 | 5/1998 | Huang et al. | | | |
| | L | 5,668,614 | 9/1997 | Chien et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | Document No. | Date | Country | Class | Subclass | Translation |
|--|---|--------------|------|---------|-------|----------|-------------|
| | M | | | | | | |
| | N | | | | | | |
| | P | | | | | | |

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

| | |
|---|--|
| Q | 10.1: <i>Invited paper: What is electronic paper? The expectations</i> , Makoto Omodani, SID 04 Digest, pp. 128-131. |
| R | <i>Effect of woven fabric anisotropy on drape behaviour</i> , V. Sidabraitė et al., ISSN 1392-1320, Materials Science, Vol. 9, No. 1, 2003, pp. 111-115. |

| | |
|-----------------|-----------------------|
| Examiner: _____ | Date Considered _____ |
|-----------------|-----------------------|

***Examiner:** Initial if reference considered, regardless of whether citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

| Examiner Initial | A | Document No. | Date | Name | Class | Subclass | Filing Date |
|------------------|---|--------------|---------|-------------------|-------|----------|-------------|
| | A | 5,493,430 | 2/1996 | Lu et al. | | | |
| | B | 6,359,673 | 3/2002 | Stephenson | | | |
| | C | 6,377,321 | 4/2002 | Khan et al. | | | |
| | D | 6,483,563 | 11/2002 | Khan et al. | | | |
| | E | 6,532,052 | 3/2003 | Khan et al. | | | |
| | F | 5,847,798 | 12/1998 | Yang et al. | | | |
| | G | 6,320,563 | 11/2001 | Yang et al. | | | |
| | H | 6,154,190 | 11/2000 | Yang et al. | | | |
| | I | 6,133,895 | 10/2000 | Huang | | | |
| | J | 6,034,752 | 3/2000 | Khan et al. | | | |
| | K | 2002/0030786 | 4/2002 | Stephenson | | | |
| | L | 2003/0085380 | 5/2003 | Schumacher et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | Document No. | Date | Country | Class | Subclass | Translation |
|--|---|--------------|------|---------|-------|----------|-------------|
| | M | | | | | | |
| | N | | | | | | |
| | P | | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|---|--|
| Q | <i>The characterization of the static and dynamic drape of fabrics</i> , G.K. Stylios et al., J. Text. Inst., 1997, 88 Part 1, No. 4, pp. 465-475. |
| R | <i>Modelling the fused panel for a numerical simulation of drape</i> , Simona Jevsniak et al., Fibers & Textiles in Eastern Europe, January/March 2004, Vol. 12, No. 1, pages 47-52. |

| | |
|-----------|-----------------|
| Examiner: | Date Considered |
|-----------|-----------------|

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10/587548

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U.S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Name | Class | Subclass | Filing Date |
|------------------|---|--------------|---------|---------------------|-------|----------|-------------|
| | A | 2003/0063245 | 4/2003 | Bowley et al. | | | |
| | B | 2005/0083284 | 4/2005 | Huang et al. | | | |
| | C | 2003/0071791 | 4/2003 | Hanson et al. | | | |
| | D | 5,691,795 | 11/1997 | Doane et al. | | | |
| | E | 2003/0155151 | 8/2003 | Hermanns et al. | | | |
| | F | 6,468,638 | 10/2002 | Jacobsen et al. | | | |
| | G | 6,316,278 | 11/2001 | Jacobsen et al. | | | |
| | H | 5,007,872 | 4/1991 | Tang | | | |
| | I | 4,362,903 | 12/1982 | Eichelberger et al. | | | |
| | J | 4,896,946 | 1/1990 | Suzuki et al. | | | |
| | K | 5,889,572 | 3/1999 | Takahashi et al. | | | |
| | L | 4,948,232 | 8/1990 | Lange | | | |

FOREIGN PATENT DOCUMENTS

| | | Document No. | Date | Country | Class | Subclass | Translation |
|--|---|--------------|------|---------|-------|----------|-------------|
| | M | | | | | | |
| | N | | | | | | |
| | P | | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|---|---|
| Q | Mechanics of elastic performance of textile materials, Chauncey Chu et al., Textile Research Journal, August 1950, pp. 539-548. |
| R | The dependence of fabric drape on bending and shear stiffness, G.E. Cusick, J. Textile Institute 36, 11, 1965, pp. T597-T-607. |

Examiner:

Date Considered

*Examiner: Initial if reference considered, regardless of whether citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Name | Class | Subclass | Filing Date |
|------------------|---|--------------|---------|-------------------|-------|----------|-------------|
| | A | 5,751,257 | 5/1998 | Sutherland | | | |
| | B | 6,710,760 | 3/2004 | Johnson et al. | | | |
| | C | 6,253,190 | 6/2001 | Sutherland | | | |
| | D | 6,269,342 | 7/2001 | Brick et al. | | | |
| | E | 6,657,620 | 12/2003 | Oishi et al. | | | |
| | F | 5,734,155 | 3/1998 | Rostoker | | | |
| | G | 2003/0169221 | 9/2003 | Stephenson et al. | | | |
| | H | 2002/0186182 | 12/2002 | Stephenson et al. | | | |
| | I | 2003/0222139 | 12/2003 | Stephenson et al. | | | |
| | J | 2004/0080477 | 4/2004 | Capurso et al. | | | |
| | K | 2003/0160912 | 8/2003 | Stephenson | | | |
| | L | 6,307,605 | 10/2001 | Bailey | | | |

FOREIGN PATENT DOCUMENTS

| | | Document No. | Date | Country | Class | Subclass | Translation |
|--|---|--------------|------|---------|-------|----------|-------------|
| | M | | | | | | |
| | N | | | | | | |
| | P | | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|---|---|
| Q | Liquid crystal dispersions, Paul S. Drzaic, World Scientific, Series on Liquid Crystals, Vol. 1, pp. xi-xv, 1995. |
| R | 6.3: Plastic VGA reflective cholesteric LCDs with dynamic drive, G.M. Podojil et al., SID proceedings, 1998, pp. 51-54. |

| | |
|-----------|-----------------|
| Examiner: | Date Considered |
|-----------|-----------------|

*Examiner: Initial if reference considered, regardless of whether citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Name | Class | Subclass | Filing Date |
|------------------|---|--------------|---------|----------------|-------|----------|-------------|
| | A | 6,902,454 | 6/2005 | Petruchik | | | |
| | B | 6,655,788 | 12/2003 | Freeman | | | |
| | C | 6,224,964 | 5/2001 | Kawai et al. | | | |
| | D | 6,268,839 | 7/2001 | Yang et al. | | | |
| | E | 2002/0030776 | 3/2002 | Khan et al. | | | |
| | F | 6,452,590 | 9/2002 | Awamoto et al. | | | |
| | G | 6,628,256 | 9/2003 | Nishimura | | | |
| | H | 2001/0015712 | 8/2001 | Hashimoto | | | |
| | I | 2003/0184569 | 10/2003 | Koga et al. | | | |
| | J | 5,815,136 | 9/1998 | Ikeda et al. | | | |
| | K | 6,278,429 | 8/2001 | Ruth et al. | | | |
| | L | 5,530,457 | 6/1996 | Helgeson | | | |

FOREIGN PATENT DOCUMENTS

| | | Document No. | Date | Country | Class | Subclass | Translation |
|--|---|--------------|------|---------|-------|----------|-------------|
| | M | | | | | | |
| | N | | | | | | |
| | P | | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|---|---|
| Q | 13.1: Invited Paper: Reflective color display using cholesteric liquid crystals, K. Hashimoto et al., SID 98 Digest, pp. 897-900. |
| R | Black and white photo-addressable electronic paper using encapsulated cholester liquid crystal and organic photoconductor, T. Kakinuma et al., IDW 2002, pp. 1345-1348. |

Examiner:

Date Considered

*Examiner: Initial if reference considered, regardless of whether citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Name | Class | Subclass | Filing Date |
|------------------|---|--------------|---------|--------------------|-------|----------|-------------|
| | A | 6,268,841 | 7/2001 | Cairns et al. | | | |
| | B | 2003/0011549 | 1/2003 | Murahashi et al. | | | |
| | C | 5,172,108 | 12/1992 | Wakabayashi et al. | | | |
| | D | 2003/0031845 | 2/2003 | Umeya et al. | | | |
| | E | 6,864,435 | 3/2005 | Hermanns et al. | | | |
| | F | 5,996,897 | 12/1999 | Prancz | | | |
| | G | 2005/0162606 | 12/2004 | Doane et al. | | | |
| | H | 5,625,477 | 4/1997 | Wu et al. | | | |
| | I | 2005/0001797 | 2/2004 | Miller, IV et al. | | | |
| | J | 5,636,044 | 6/1997 | Yuan et al. | | | |
| | K | 7,009,666 | 3/2006 | Khan et al. | | | |
| | L | 6,819,310 | 11/2004 | Huang et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | Document No. | Date | Country | Class | Subclass | Translation |
|--|---|--------------|------|---------|-------|----------|-------------|
| | M | | | | | | |
| | N | | | | | | |
| | P | | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|---|--|
| Q | Characterization of "Peas in a Pod", a novel idea for electronic paper, S. Maeda et al., IDW 2002, pp. 1353-1356. |
| R | Holographic polymer-dispersed liquid crystals (H-PDLCs), T.J. Bunning et al., Annu. Rev. Mater. Sci 2000, 30:83-115, pp. 83-115. |

| | |
|-----------|-----------------|
| Examiner: | Date Considered |
|-----------|-----------------|

*Examiner: Initial if reference considered, regardless of whether citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Name | Class | Subclass | Filing Date |
|------------------|---|--------------|--------|--------------|-------|----------|-------------|
| | A | 6,850,217 | 2/2005 | Huang et al. | | | |
| | B | | | | | | |
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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|---|---|
| M | <i>Reflective multicolor display using cholesteric liquid crystals</i> , M. Okada et al., Proc, SID 97 Digest, pp. 1019-1022. |
| N | <i>Multiple color high resolution reflective cholesteric liquid crystal display</i> , D. Davis et al., Proc IDRC (242) 1997. |
| P | <i>Full color (4096 Colors) reflective cholesteric crystal display</i> , X. Huang et al., Proceedings of Asia Display 98, pp. 883-886 (1998). |

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| | L | | | | | | |

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

| | | |
|--|---|---|
| | M | Jing-Jou Tang et al., <i>A 30-V Row/Column Driver for PSCT LCD Using High-Voltage BiMOS Process</i> , Online Article, dated 1999. |
| | N | http://www.us.semiconductors.philips.com/pip/PCF8578.html , LCD/row/column driver for dot matrix graphic displays, printed July 8, 2003, pp. 1-3. |
| | P | 40CH Segment/Driver for Dot Matrix LCD, KS0065B, Samsung Electronics, 12 pages. |

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